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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: David R. Scholl *et al.*

Serial No.: 10/578,146

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Entitled: **COMPOSITIONS AND METHODS FOR DETECTING SEVERE ACUTE
RESPIRATORY SYNDROME CORONAVIRUS**

INFORMATION DISCLOSURE STATEMENT

MS Amendment

Commissioner for Patents

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Dated: April 28, 2008

By: _____

Cliff Cannon-Cin

Dear Examiner Blumel:

The citations listed below, may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. § 1.56 and § 1.97. The Examiner is requested to make these citations of official record in this application. References listed as 16-76 on the attached FORM PTO-1449 were already provided to the Office as part of an Information Disclosure Statement dated July 5, 2005, in the parent U.S. Application No. 10/699,936, filed November 3, 2003 (DHI-07986), which is relied upon for priority.

The following patents and printed publications are referred to in the body of the Specification:

- U.S. Patent No. 4,244,946 to Rivier *et al.*, "Water-soluble peptides affecting gonadal function (1981);
- U.S. Patent No. 4,946,778 to Ladner *et al.*, "Single polypeptide chain binding molecules (1990);

- U.S. Patent No. 5,270,163 to Gold *et al.*, "Methods for identifying nucleic acid ligands (1993);
- U.S. Patent No. 5,545,806 to Lonberg *et al.*, "Transgenic non-human animals for producing heterologous antibodies," (1996);
- U.S. Patent No. 5,569,825 to Lonberg *et al.*, "Transgenic non-human animals capable of producing heterologous antibodies of various isotypes," (1996);
- U.S. Patent No. 5,625,126 to Lonberg *et al.*, "Transgenic non-human animals for producing heterologous antibodies (1997);
- U.S. Patent No. 5,760,029 to Jadhav *et al.*, "Spirocycle integrin inhibitors," (1998);
- U.S. Patent No. 6,252,043 to Hession *et al.*, "Vascular cell adhesion molecule (VCAM) polypeptides," (2001);
- U.S. Patent No. 6,376,172 to Scholl *et al.*, "Mixed cell diagnostic systems," (2002);
- U.S. Patent No. 6,472,206 to Scholl *et al.*, "In situ growth, freezing and testing of cultured cells," (2002);
- U.S. Patent No. 6,610,474 to Huang, "Cells for detection of influenza and parainfluenza viruses," (2003);
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- Zeng *et al.* (2003) "The complete genome sequence of severe acute respiratory syndrome coronavirus strain HKU-39849 (HK-39)," Exp Biol Med, 228:866-73.

Applicants have become aware of the following references, which may be material to the examination of this application:

- U.S. Patent No. 5,134,127 to Stella *et al.*, “Derivatives of cyclodextrins exhibiting enhanced aqueous solubility and the use thereof,” (1992);
- U.S. Patent No. 5,376,645 to Stella *et al.*, “Derivatives of cyclodextrins exhibiting enhanced aqueous solubility and the use thereof,” (1994);
- International Publication No. WO 2004/101781 of Hilgenfeld *et al.*, “Crystal structure of human coronavirus 229E main proteinase, and uses thereof for developing SARS inhibitors,” (2004);
- International Publication No. WO 2005/035712 of Baric *et al.*, “Methods and compositions for infectious cDNA of SARS coronavirus,” (2005); and
- “CAPTISOL® Solubility and so much more,” CyDex, Inc., Overland Park, KS (2001).

Also included for the Examiner’s convenience are the following patents and printed publications in which one or more of the Applicants are co-inventors or co-authors. These references, have been included for the sake of completeness:

- Gillim-Ross *et al.*, “Discovery of novel human and animal cells infected by the severe acute respiratory syndrome coronavirus by replication-specific multiplex reverse transcription-PCT,” J Clin Microbiol, 42:3196-3206 (2004).

This Information Disclosure Statement under 37 C.F.R. § 1.56 and § 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these citations constitute prior art.

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